

Newton's First Law of Motion

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Anticipatory Set

- We will discuss prior knowledge of Newton's First Law. When your stick is picked come to the front and write one thing from your schema of Newton's First Law and physics in general.

What is Newtons First Law of Motion?

Also called the Law of Inertia, the law states that an object at rest tends to stay at rest and an object in motion tends to stay in motion with the same speed and in the same direction unless acted upon by an unbalanced force.

Tech Term

Newtons First Law-

A law of physics discovered by Sir Isacc Newton in 1666 stating that objects at rest will stay at rest and objects in motion will stay in motion unless acted upon by an unbalanced force.

Newton's First Law of Motion Videos



Guided Practice

We will be acting as an unbalanced force and will come up to you and give you a little push then you will go in the opposite direction of the push till you find a different person and take their place. If you go towards a wall then you must go back to your chair. This continues till we tell you to stop and we might try different variations of it.

Newton's First Law of Motion Videos (Continued)

THE BALL IS CURRENTLY AN OBJECT AT REST, THERE IS NO GRAVITY THIS TIME SO THE BALL IS "FLOATING" ON THE



Conclusion

On a sheet of paper write one thing you learned about Newton's First Law or an example of it and turn it in.

Extra Credit

Research all three of Newton's Laws. Write them all down on a sheet of paper with one example of each then turn it in.

Assessment

Take the Newton's First Law Senteo Quiz.